Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



1.71 5M

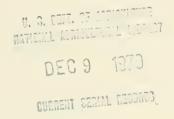


MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VCL. 8, NO. 11, NOVEMBER 1970

PAGE NOS. 249 - 261



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
VETERINARY SCIENCES RESEARCH DIVISION
PLUM ISLAND ANIMAL DISEASE LABORATORY
POST OFFICE BCX 848
GREENPORT, LONG ISLAND, NEW YORK 11944



EXPLANATORY NOTE

- 1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
- 2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
- 3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
- 4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
- 5. ON THE RIGHT MARGIN, "PIL", "NUMBER", AND "LIBRARY CLASSIFICATION CALL NUMBER" INDICATE ARTICLE APPEARS IN A PERIODICAL (JOURNAL) IN THE LIBRARY, PUBLICATION IS AVAILABLE IN THE "REPRINT-FILE" UNDER THE INDICATED NUMBER, AND BOOK IS AVAILABLE IN THE LIBRARY.

MULTIPLE SUBJECT AREA

ANON.

First find of virus disease in U.S. cattle.

Bovine mammillitis; Lumpy skin disease.

J. Amer. Vet. Med. Ass. 157(10):1293, 1970.

PIL

BLAIR, C.D., and DUESBERG, P.H. Myxovirus ribonucleic acids.

Fowl plague; Rinderpest.

In: Annu. Rev. Microbiol. 24:539-574, ed. by C.E. Clifton, and others. Palo Alto, Calif., Annual Reviews, 624 p., 1970.

QR 1 A5

COTTEW, G.S.

Diseases of sheep and goats caused by mycoplasmas.

Caprine pleuro.; Cont. Agalactia; CBPP.

In: The Role of Mycoplasmas and L. Forms of Bacteria in Disease, p. 198-211, ed. by J.T. Sharp. Springfield, Ill., C. C. Thomas, xi, 338 p., illus., 1970. QR 82 M95 S451

FENNER, F.

The genetics of animal viruses.

VSV; FMD.

In: Annu. Rev. Microbiol. 24:297-334, ed. by C.E. Clifton, and others. Palo Alto, Calif., Arnual Reviews, 624 p., 1970.

QR 1 A5

FREUNDT, E.A.

Morphology and ultrastructure of the mycoplasmas.

Caprine pleuro.; CBPP; Cont. Agalactia.

In: The Role of Mycoplasmas and L Forms of Racteria in Disease, p. 29-81, ed. by J.T. Sharp. Springfield, Ill., C. C. Thomas, xi, 338 p., illus., 1970. QR 82 M95 S451

HAHON, N., and MAYHEW, C.J.

Multiple assessment and serum neutralization of arbovirus mixtures.

VEE; Rift Valley fever.

Appl. Microbiol. 20(4):653-654, 1970.



MULTIPLE SUBJECT AREA

HELLER, E.

The antiviral effect of rifampicin.

ASF; VSV.

In: RNA-Polymerase and Transcription; Proceedings of the 1st International Lepetit Colloquium, Florence, 1969, p. 287-305, ed. by L. Silvestri. Amsterdam, North-Holland Publ. Co., ix, 339 p., 1970.

QR 801 R53 I61

HUTCHISON, V.E., PINKERTON, M.E., and KALTER, S.S.

Incidence of mycoplasma in nonhuman primates.

Mycoplasma mycoides (CBPP); Cont. agalactia of sheep and goats.

Lab. Anim. Care 20(5):914-922, 1970.

PIL

MAYR, A., and PETTE, J.

Zur differenzierung, Diagnose und Bekämpfung virusbedingter Erkrankungen des Pferdes unter besonderer Berücksichtigung der heimischen Krankheiten. (Differentiation, diagnosis and control of virus diseases of horses considering especially the home bred diseases.)

AHS; VSV; VEE; Borna; Cont. ecthyma.

English summary, p. 377.

Berlin. Munchen. Tierarztl. Wochenschr. 81(19): 372-378, 1968.

PIL

MAYR, A., and ROJAHN, A.

Infektionsfördernde und infektionshemmende Faktoren bei der Massentierhaltung.

Rinderpest; FMD; ASF; Teschen disease. Tierärztl. Umsch. 23(12):555-578, 1968.

In: Arb. Inst. Mikrobiol. Infektionskr. Tiere Ludwig
Maximilians-Univ., Munchen 4:No. 3, 1967/68, 1969. SF 745 L4

NOTKINS, A.L., MERGENHAGEN, S.E., and HOWARD, R.J.

Effect of virus infections on the function of the immune system.

VEE; VSV.

In: Annu. Rev. Microbiol. 24:525-538, ed. by C.E. Clifton, and others. Palo Alto, Calif., Annual Reviews, 624 p., 1970.

QR 1 A5

RIGGS, S., and SHARP, J.T.

Serologic reactions of mycoplasmas.

CBPP; Caprine pleuro.; Cont. Agalactia.

In: The Role of Mycoplasmas and L Forms of Bacteria
in Disease, p. 82-103, ed. by J.T. Sharp. Springfield,
Ill., C.C. Thomas, xi, 338 p., illus., 1970. QR 82 M95 S451



MULTIPLE SUBJECT AREA

SHARP, J.T.

History and perspective.

CBPP; Caprine pleuro.; Cont. Agalactia.

In: The Role of Mycoplasmas and L Forms of Bacteria in Disease, p. 3-9, ed. by J.T. Sharp. Springfield,

Ill., C.C. Thomas, xi, 338 p., illus., 1970. QR 82 M95 S451

SHARP, J.T.

Identification, classification, and cultivation of mycoplasmas.

CEPP; Caprine pleuro.; Cont. agalactia.

In: The Role of Mycoplasmas and L Forms of Bacteria in Disease, p. 10-28, ed. by J.T. Sharp. Springfield, Ill., C.C. Thomas, xi, 338 p., illus., 1970. QR 82 M95 S451

USDA. ARS.

USDA reports first find of virus cattle disease.

Bovine mammillitis; Lumpy skin disease.

Fed. Vet. 27(5):15-16, 1970.

CIRC.FILE

ZLOTNIK, I., and others.*

The effect of immunosuppression on viral encephalitis, with special reference to cyclophosphamide.

Louping ill; VEE.

Brit. J. Exp. Pathol. 51(4):434-439, 1970. *C.E.G. Smith, D.P. Grant, and S. Peacock.

PIL

AFRICAN HORSE SICKNESS

MC COLLUM, W.H.

Virus arteritis.

/ Abstract; Equine arteritis; African horse sickness./
Ky. Agr. Exp. Sta. Result. Res. 1968, p. 90, publ.1969.
Biores.Index 6(10):5321(73907), 1970.
PIL

AFRICAN SWINE FEVER

CASTAGNOLI, B., and D'AMORE, A.

L'epizootie de la peste porcine africaine en Italie.
Ann. lst. Sup., Sanita 4:650-673, 1968. Bull.

Inst. Pasteur 67(7):1614, 1969.

Cited in: Inst. Fr. Fievre Aphteuse, Ref. Bibliogr.-Index Signal., p 32(21):F. S3 4807.

VIGARIO, J.D., and others.*

Serological behaviour of isolated African swine fever virus. (Brief report)

Arch. Gesamte Virusforsch. 31(3-4):387-389, 1970. *A.M. Terrinha, A.L. Bastos, J.F. Moura-Nunes, D. Marques, and J.F. Silva.



BORNA DISEASE

GAILIUNAS, P.

Differential diagnostic features of Borna disease - a review.

Mimeogr. copy, 7 p., November 1970.

CONTAGIOUS BOVINE PLEUROPNEUMONIA

DOUTRE, M.P., and CHAMBRON, J.

Valeur de l'immunite conferee par un vaccin antiperipneumonique lyophilise prepare a l'aide de la souche T₁. (Quality of the immunity produced by a CBPP freeze-dried vaccine prepared with the T₁ strain.

English summary, p. 179.

Rev. Elev. Med. Vet. Pays Trop. 23(2):163-179,1970. PIL

GOURLAY, R.N., and THOMAS, L.H.

The experimental production of pneumonia in calves by the endobronchial inoculation of T-mycoplasmas.

J. Comp. Pathol. 80(4):585-594, 1970.

PIL

GOURLAY, R.N., MACKENZIE, A., and COOPER, J.E. Studies of the microbiology and pathology of pneumonic

lungs of calves.

J. Comp. Pathol. 80(4):575-584, 1970.

PIL

LLOYD, L.C., and TRETHEWIE, E.R.

Contagious bovine pleuropneumonia.

PIERCY, D.W.

Synovitis induced by intra-articular inoculation of inactivated Mycoplasma mycoides in calves.

J. Comp. Pathol. 80(4):549-558, 1970.

PIL

DUCK PLAGUE

JANSEN, J., SR.

Wetenschap? Zoekenschap! Tijdschr. Diergeneesk. 95(20): 1017-1024, 1970.

PIL

EAST COAST FEVER

PIRIE, H.M., JARRETT, W.F.H., and CRIGHTON, G.W.

Studies on vaccination against East Coast fever using macroschizonts.

Exp. Parasitol. 27(3):343-349, 1970. Biol. Abstr. 51(21):11847(120211), 1970.



AGUILERA, E., and NCRAMBUENA, M.

Analysis of the frequency of types and subtypes of foot and mouth disease virus in Chile.

In: Panamer. Congr. Vet. Med. Zootech., 6th, Santiago, Chile, 1970. Abstr. No. 56 SF 605 PA 36

BALDELLI, B.

Irradiation gamma pour l sterilisation des carcasses d'animaux infectes par le virus aphteux.

Microbiol. Probl. Food Preserv. Irradiat.; Rep. Panel, Vienna, p. 77-86, 1967.

Bull. Signal. 340, 30(4):(12479), 1969.

Cited in: Inst. Fr. Fievre Aphteuse, Ref. Bibliogr. Index Signal., p. 2(15):F. S3 4376, 1969.

CAMPBELL, C.H.

Adsorption of foot-and-mouth disease virus by muscle, kidney, lung and brain from infant and adult mice. PIL & Can. J. Comp. Med. 34(4):279-284, 1970. #7286

CAPEL-EDWARDS, M.

Foot-and-mouth disease in the brown rat. J. Comp. Pathol. 80(4):543-548, 1970.

PIL

DIESCH, S.L.

Transmision de enfermedades por organismos hidricos de origen animal. (Disease transmission of water-borne organisms of animal origin.)
English summary, p. 329.

Bol. of Sanit. Panamer. 59(4):314-330, 1970.

PIL

GEDEK, B., and MAYR, A.

Pilzerkrankungen als Komplikation postvaccinaler Allergien bei der MKS-Schutzimpfung des Rindes. (Fungus diseases as complications in post-vaccinal allergies by FMD vaccination of cattle.) English summary, p. 370.

Berlin. München. Tierärztl. Wochenschr. 83(19): 369-370, 1970.

PIL

GREAT BRITAIN.

Cultivating foot and mouth disease virus.

British Patent No. 1,199,251.

Commonwealth Scientific and Industrial Research Organization. Appl. Date: 10th May, 1966. Publ. Date: 22nd July, 1970.

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 9(10):19 (70/196), 1970.

SF 793 W4



GREAT BRITAIN.

Foot-and-mouth disease.

GREAT BRITAIN. PIRBRIGHT. ANIMAL VIRUS RESEARCH INSTITUTE.

Mystery outbreak at Pirbright.

Nature(London) 228(5270):403, 1970.

PIL

HORENT, R.

Contribution a l'etude de la vaccination anti-aphteuse.

These Doct. Vet., Lyon, Bosc Ed., 76 p., 1969.

Cited in: Inst. Fr. Fievre Aphteuse, Ref. Bibliogr.
Index Signal., p. 10(75):F. S3 4143, 1969.

HYSLOP, N. St. G.

The epizootiology and epidemiology of foot and mouth disease.

In: Advan. Vet. Sci. Comp. Med. 14:261-307, ed. by C.A. Brandly, and C.E. Cornelius. New York, Academic Press, xvii, 420 p., 1970. SF 745 A39

MAHNEL, H., and MUNZ, E.

Diplacentare und trophogene Übertragung der Variolaimmunität bei der weissen Maus.

Z. Hyg. Infektionskr. 150(4):340-346, 1965.

PIL

MAYR, A.

Zum Problem von Impfschäden im Anschluss an eine Impfung der Rinder gegen Maul- und Klauenseuche (MKS).

Der Tierzüchter 20:562- ,1968.

In: Arb. Inst. Mikrobiol. Infektionskr. Tiere Ludwig Maximilians-Univ., München 4:No.33 (Verzeichnis von Arbeiten,...), 1967/68, 1969.

SF 745 L4

MAYR, A., KALICH, I., and MEHNERT, B.

Kälberkrankheiten.

English summary, p. 91.

Wien. Tierarztl. Monatsschr. 51;74-92, 1964.

In: Arb. Inst. Mikrobiol. Infektionskr. Tiere Ludwig Maximilians-Univ., München 1:No.6, 1964,1965. SF 745 L4

MUNTIU, N., DOHOTARU, V., and BERCAN, A.

On the comparative value of culture virus and of natural virus foot-and-mouth disease vaccines.

Arch. Vet.(Bucuresti) 7(1/2):3-9, 1970.

ů

FOOT-AND-MOUTH DISEASE

OKAY, G., and others.*

Rüyük mikyasta sap virusu istihsalinde BHK-21 (Yavru hamster böbregi) hucre kültürünün kullanılması üzerinde calismalar. / Studies on BHK-21 cell culture for the large scale production of foot-and-mouth disease virus./
English summary, p. 66-67.

Etlik Vet. Bakteriyol. Enst. Derg. 3(7-8):55-68,1969. *H.C. Girard, M. Sütcü, M. Sentürk, M. Oral, C. Boz,

*H.C. Girard, M. Sutcu, M. Senturk, M. Oral, C. Boz, O. Bayramoglu, N. Yalim, and N. Unlüleblebici.

PIL

PALS, C.H.,

CIRC.FILE

PIRAGINO, S.

Un focolaio di afta epizcotica in elefanti da circo.

(The source of foot-and-mouth disease virus in the circus elephant.)

English summary, p. 70.

Zooprofilassi 25(1/2):17-22, 1970.

PIL

ROMERO, S., NORAMBUENA, M., and GAGGERO, A.

Some assays on rapid attenuation of the virulence of foot and mouth disease virus by passages in chicken embryo at 31° C.

In: Panamer. Congr. Vet. Med. Zootech., 6th, Santiago, Chile, 1970. Abstr. No. 57. SF 605 PA36

FOWL PLAGUE

GREAT BRITAIN.

Epidemic loses momentum
Nature(London) 228(5273):703, 1970.

PIL

GREAT BRITAIN.

Fowl pest.
Lancet II(7678):873, 1970. /

PIL

GREAT BRITAIN

Fowl pest: discussion with drug manufacturers. Vet. Rec. 87(15):445-446, 1970.

PIL

GREAT BRITAIN.

Fowl pest: infected area restrictions in East Anglia.

Vet. Rec. 87(14):417, 1970.

e X

|--|

LOUPING ILL

SEAMER, J., and ZLOTNIK, I.

Louping-ill and Semliki Forest virus infections in the short-tailed vole Microtus agrestis (L.).

Brit. J. Exp. Pathol. 51(4):385-393, 1970.

PIL

SCRAPIE

ANON.

Viral hepatitis and tests for the Australia (hepatitis-associated) antigen and antibody.

Bull. WHO 42(6):957-992, 1970.

PIL

BIGNAMI, A., and PARRY, H.B.

Fine structural changes in natural scrapie.
Pap. pres. Amer. Soc. Cell Biol., 10th Annu.

Meet., San Diego, Calif., 1970. J. Cell Biol. 47(2, Part 2):19a-20a(45), 1970.

PIL

MARSH, R.F., and others.*

A preliminary report on the experimental host range of the transmissible mink encephalopathy agent.

J. Infec. Dis. 120(6):713-719, 1969.

*D. Burger, R. Eckroade, G.M. Zu Rhein, and R.P. Hanson.

PIL

MOULD, D.L., and DAWSON, A.McL.

The response in mice to heat treated scrapie agent.

J. Comp. Pathol. 80(4):595-600, 1970.

PIL

MOULD, D.L., DAWSON, A.McL., and RENNIE, J.C.

Very early replication of scrapie in lymphocytic tissue. Nature(London) 228(5273):779-780, 1970.

PIL

ZUCKERMAN, A.J., TAYLOR, P.E., and BIRD, R.G.

Review: antigens and viruses in acute hepatitis. Clin. Exp. Immunol. 7(4):439-452, 1970.

PIL

SHEEP POX

INDIA. INSTITUTE OF VETERINARY PREVENTIVE MEDICINE, Ranipet, Tamil Nadu.

To evolve an efficient vaccine to protect sheep against sheep pox. Principal investigator: M.S. Jayaraman. Final Technical report - September 22, 1964 -September 21, 1969, (P.L. 480 project on sheep pox vaccine), 30 p., illus.

#8467

OZSOY, A.

Etlik Veteriner Kontrol ve Arastirma Enstitüsünün 1969 yili calismalari. (Activities of Etlik Veterinary Control and Research Institute in 1969.)

Etlik Vet. Bakteriyol. Enst. Derg. 3(7-8):3-6(T.), 7-11(E.), 1969.

TESCHEN DISEASE

MAHNEL, H., and PETTE, J.

Über den Bau der ECSO-Viren. (The structure of ECSO virus.)

English summary, p. 434.

Zentralbl. Veterinarmed., Reihe B 12(5):429-434,1965. PIL

MAYR, A., and MAHNEL, H.

Züchtung von Schweinepestvirus in Schweinenieren-Kulturen mit cytopathogenem Effekt.

English summary, p. 165.

Zentralbl. Bakteriol., Parasitenk., Infektionskr. Hyg. I.Abt. Orig. 195(2):157-166, 1964.

PIL

SERRES, H.

La maladie de Teschen, la maladie de Talfan -- picornaviroses porcines. Paris, Verlag L'Expansion Scientifique Francaise, 1970. 216 p. --Book review.

Deut. Tierarztl. Wochenschr. 77(18):488, 1970.

PIL

VENEZUELAN EQUINE ENCEPHALOMYELITIS

CASEY, H.L.

Experience at the National Communicable Disease Center with micro serological techniques for the diagnosis of viral diseases.

Health Lab. Sci. 7(4):233-236, 1970.

PIL

CARCIA, J.

Electronic microscope study on the development of Venezuelan equine encephalitis virus and the activity of acid phosphatase in nervous tissue of newborn mice.

In: Panamer. Congr. Vet. Med. Zootech., 6th, Santiago, Chile, 1970. Abstr. No. 66. SF 605 PA36

STAAB, E.V., NORMANN, S.J., and CRAIG, C.P.

Alterations in reticuloendothelial function by infection with attenuated Venezuelan equine encephalitis (VEE) virus.

RES. J. Reticuloendothel. Soc. 8(4):342-348, 1970 (E.).

Chem. Abstr. 73(17):160(85532e), 1970.

PIL

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE. PUBLIC HEALTH SERVICE. HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION.

Encephalitis.

CDC Neurotrop. Viral Dis., Surveillance, Annu. Encephalitis Sum., 1969, 34 p., 1970.

CIRC.FILE

v - 18-

PIL

AARONSON, S.A. Susceptibility of human cell strains to transformation by simian virus 40 and simian virus 40 deoxyribonucleic J. Virl. 6(4):470-475, 1970. PIL ARANYI, C., FENTERS, J., and TOLKACZ, V. Examination of virus-infected cultured cells by scanning electron microscopy. Appl. Microbiol. 20(4):633-637, 1970. PIL CARTER, W.A. Interferon: evidence for subunit structure. Proc. Nat. Acad. Sci. U.S.A. 67(2):620-628, 1970. PIL CASALS, J., and others.* A review of Soviet viral hemorrhagic fevers, 1969. J. Infec. Dis. 122(5):437-453, 1970. *B.E. Henderson, H. Hoogstraal, K.M. Johnson, and A. Shelokov. PIL COHEN, G.H., and SUMMERS, D.F. Interaction of vesicular stomatitis virus structural proteins with HeLa plasma membranes. Pap. pres. Amer. Soc. Cell Biol., 10th Annu. Meet., San Diego, Calif., 1970. J. Cell Biol. 47(2, Part 2):36a-37a(90), 1970. PIL DE CLERCQ, E., and others.* The antiviral activity of thiophosphate-substituted polyribonucleotides in vitro and in vivo. Virology 42(2):421-428, 1970. *F. Eckstein, H. Sternbach, and T.C. Merigan. PIL FAUCONNIER, B. Viral auto-inhibition studied by the effect of antiinterferon serum on plaque formation. Arch. Gesamte Virusforsch. 31(3/4):266-272, 1970. PIL MAENO, K., and others.* Isolation of hemagglutinin and neuraminidase subinits of hemagglutinating virus of Japan. J. Virol. 6(4):492-499, 1970. *T. Yoshida, M. Iinuma, Y. Nagai, T. Matsumoto, and J. Asai. PIL MARTINET, C., and PRINTZ ANE, C. Analyse de la synthese de l'ARN viral du virus de la stomatite visiculaire (VSV). Utilisation du mutants thermosensibles. / Analysis of vesicular stomatitis virus RNA synthesis. Use of temperature sensitive mutants./

English summary, p. 411.

Ann. Inst. Pasteur(Paris) 119(4):411-419, 1970.

5.72 , 16.

MUDD, J.A., and SUMMERS, D.F. Protein synthesis in vesicular stomatitis virus-infected HeLa cells.	
Virology 42(2):328-340, 1970.	PIL
POLLIKOFF, R., DiPUPPO, A., and CANNAVALE, P. Vesicular stomatitis virus (VSV) infection in rabbit eye: role of antibody and interferon. Invest. Ophthalmol. 8(5):488-496, 1969. Excerpta Med., Microbiol. 23(10):578(3149), 1970.	PIL
PRINTZ, P. Adaptation due virus de la stomatite vesiculaire a Drosophila melanogaster. English summary. Ann. Inst. Pasteur (Paris) 119(4):520-537, 1970.	DTT
	PIL
SPAHN, G.J., and others.* Enhancement of Friend leukemia virus infection in mice by Guaroa virus: quantitation and action of various oncogenic and nononcogenic viruses. Appl. Microbiol. 20(4):551-554, 1970.	
*W. Turner, R.L. Peters, and M.A. Chirigos.	PIL
WERTZ, G.W., and YOUNGNER, J.S. Interferon production and inhibition of host synthesis in cells infected with vesicular stomatitis virus. J. Virol. 6(4):476-484, 1970.	PIL
YAMAZAKI, S., and WAGNER, R.R. Action of interferon: kinetics and differential effects on viral functions. J. Virol. 6(4):421-429, 1970.	PIL
VISNA DISEASE	
MURPHY, F.A., and others.* Arenoviruses in Vero cells: ultrastructural studies. J. Virol. 6(4):507-518, 1970. *P.A. Webb, K.M. Johnson, S.G. Whitfield, and W.A. Chappell.	PIL
WESSELSBRON DISEASE	
DIGOUTTE, JP., and others.* Le virus M'Poko (BA 365). Nouveau prototype d'arbovirus isole en Republique Centrafricaine. Wesselsbron disease: M'Poko virus. English summary, p. 512. Ann. Inst. Pasteur(Paris) 119(4):512-519, 1970. *FX. Pajot, B.E. Henderson, P. Bres, and	
P. Nguyen Trung Luong.	PIL

• • •

PIL

MISCELLANEOUS

BARBIERI, D., and others.* Method of virus particle counting using Millipore filtration. Virology 42(2):544-547, 1970. PIL *E. DeLain, P. Lazar, G. Hue, and G. Barski. CHAN-CURTIS, V., BEER, M., and KOLLER, T. Chemical studies on an acriflavine-phosphotungstate complex; staining of phage deoxyribonucleic acid molecules for the elctron microscope. J. Histochem. Cytochem. 18(9):628-634, 1970. PIL CHAN-CURTIS, V., BELT, W.D., and LADOULIS, C.T. Cytochemical localization of nucleic acids by an acriflavinephosphotungstate complex for fluorescence microscopy and electron microscopy. J. Histochem. Cytochem. 18(9):609-627, 1970. PIL DANDLIKER, W.B., and SAUSSURE, V.A.de Fluorescence polarization in immunochemistry. -- Review article. Immunochemistry 7(9):799-828, 1970. PIL FRANCIS, T.C., and OPPENHEIM, J.J. Impaired lymphocyte stimulation by some streptococcal antigens in patients with recurrent aphthous stomatitis and rheumatic heart disease. Clin. Exp. Immunol. 6(4):573-586, 1970. PIL HOFFMAN, R.K., and SPINER, D.R. Effect of relative humidity on the penetrability and sporicidal activity of formaldehyde. Appl. Microbiol. 20(4):616-619, 1970. PIL MATHEWS, M.B. Tissue-specific factor required for the translation of a mammalian viral RNA. Nature(London) 228(5272):661-663, 1970. PIL PRAGE, L., and others.* Structural proteins of adenoviruses. IV. Sequential degradation of the adenovirus type 2 virion. Virology 42(2):341-358, 1970. *U. Pettersson, S. Höglund, K. Lonberg-Holm, and L. Philipson. PIL ROSSI, G.L. Time-saver containers for tissue processing in electron microscopy. Amer. J. Clin. Pathol. 54(4):665-666, 1970. PIL ROWE, D.S. Nomenclature of immunoglobulins.

Nature(London) 228(5271):509-511, 1970.

MISCELLANEOUS

RUBENSTEIN, D., and TYRRELL, D.A.J.

Growth of viruses in organ cultures of intestine.

Brit. J. Exp. Pathol. 51(2):210-216, 1970.

PIL

SHEAFF, E.T., and STEWART, R.B.

Interaction of interferon with cells: characteristic of the induction of interferon uptake in relation to interferon antiviral activity.

Can. J. Microbiol. 16(11):1087-1093, 1970.

PIL

WALLIS, C., and others.*

Concentration of viruses from sewage and excreta on insoluble polyelectrolytes.

Appl. Microbiol. 18(6):1007-1014, 1969.

*S. Grinstein, J. L. Melnick, and J.E. Fields.

PIL

WOLANSKI, B., and MARAMOROSCH, K.

Negatively stained mycoplasmas: fact or artifact? Virology 42(2):319-327, 1970.